

July 20, 2016



Mr. Doug Lansing
Rainier Commons
918 S. Horton Street, Suite 101
Seattle, WA 98134

Re: **NVL Batch 1614806.00**

Project Name/Number: 2012-494

Project location: 3100 Airport Way S. Seattle, WA 98134

Dear Mr. Lansing,

Enclosed please find test results for samples submitted to our laboratory for analysis. Preparation and analysis of these samples were conducted in accordance with published industry standards and methods specified on the attached analytical report.

The content of this package consists of the following:

- Case Narrative & Definition of Data Qualifiers
- Analytical Test Results
- Applicable QC Summary
- Client Chain-of-Custody (CoC)
- NVL Receiving Record

The report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client will be discarded after two weeks.

Thank you for using our laboratory services. If you need further assistance, please contact us at 206-547-0100 or 1-888-NVLLABS.

Sincerely,

A handwritten signature in black ink, appearing to read "Nick Ly".

Nick Ly, Technical Director

Enclosure: Sample Results

Phone: 206.547.0100 | Fax: 206.634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103

Case Narrative:

The following summarizes samples received on date as shown on the accompanied Chain of custody by NVL Laboratories, Inc. from Rainier Commons for Project number: 2012-494. Samples were logged in for PCB analysis per client request using both customer sample ID's and laboratory assigned ID's as listed on the Chain-of-Custody (CoC). All samples as received were processed and analyzed within specified turnaround time without any abnormalities and deviations that may affect the analytical results. All quality control requirements were acceptable unless stated otherwise. The conditions of all samples were acceptable at time of receipt and all samples submitted with this batch were analyzed unless stated otherwise on the CoC.

Test Results are reported in microgram per cubic meter (ug/m3) for PCB samples as shown on the analytical reports.



Definition Appendix

Terms

% Rec	Percent recovery.
<	Below Reporting Limit(RL) or Limit of Quantitation(LoQ) of the instrument.
B	Blank contamination. The recorded results is associated with a contaminated blank.
DF	Dilution Factor
J	The reported concentration is an estimated value because something may be present in the sample that interfered with the analysis.
J1	The reported concentration is an estimated value because the laboratory control sample (LCS) is out of control limits.
J2	The reported concentration is an estimated value because the percent recovery for matrix spike is out of control limits.
J3	The reported concentration is an estimated value because the relative percent difference(RPD) for duplicate analysis is out of control limits.
J4	Percent recovery is outside of established control limits.
LCS	Laboratory Control Sample.
LFS	Laboratory Fortified Spike
Limits	The upper and lower control limits for spike recoveries.
LN	Quality control sample is outside of control limits. This analyte was not detected in the sample.
LOQ	Limit of quantitation(same as RL)
mg/kg	Milligrams per kilogram.
ND	Analyte not detected or below the reporting limit of the instrument or methodology



Definition Appendix

Terms

PPM	Parts per Million.
QC Batch Group	Quality Control Batch Group. The entity that links analytical results and supporting quality control results.
R	The data are not reliable due to possible contamination or loss of material during preparation or analysis. Re-sampling and reanalysis are necessary for verification.
RL	Reporting Limit. The minimum concentration that can be quantified under routine operating conditions.
RPD	Relative Percent Difference. The relative difference between duplicate results(matrix spike, blank spike, or samples duplicate) expressed as a percentage.
RPD Limit	The maximum RPD allowed for a set of duplicate measurements(see RPD).
SMI	Surrogate has matrix interference.
Spike Conc.	The measured concentration, in sample basis units, of a spiked sample.
SURR-ND	Surrogate was not detected due to matrix interference or dilution.
ug/m3	Micrograms per cubic meter.
ug/mL	Micrograms per milliliter
ug	Microgram
ug/m3	microgram per cubic meter

ORGANICS LABORATORY SERVICES



Company Rainier Commons, LLC

Address 918 S. Horton Street, Suite 101
Seattle, WA 98134

Project Manager Mr. Doug Lansing

Phone (206) 447-0263

Cell (b) (6)

NVL Batch Number 1614806.00

TAT 1 Day **AH** No

Rush TAT

Due Date 7/20/2016 **Time** 3:00 PM

Email lansinghomes@aol.com

Fax (206) 447-0299

Project Name/Number: 2012-494

Project Location: 3100 Airport Way S. Seattle, WA 98134

Subcategory Quantitative analysis

Item Code ORG-01

Method NIOSH 5503 PCB Aroclors <Air>

Total Number of Samples 3

Rush Samples

	Lab ID	Sample ID	Description	A/R
1	16244597	0719-16-1		A
2	16244598	0719-16-2		A
3	16244599	0719-16-4		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				
Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	7/19/16	1500
Analyzed by	Shalini Patel		NVL	7-19-16	1700
Results Called by					
<input type="checkbox"/> Faxed <input type="checkbox"/> Emailed					
Special Instructions:					

Entered By: Brenda Bray

Date: 7/19/2016

Time: 3:37 PM

1 of 1

RCLLC 0009319

ANALYSIS REPORT

Polychlorinated Biphenyls in Air



Client	Rainier Commons	Samples Received*	3
SDG Number	1614806.00	Analyzed By	Shalini Patel
Date Reported	07/20/2016	Samples Analyzed*	3
Project Number	2012-494	Analysis Method	5503
Location	3100 Airport Way S. Seattle, WA 98134	Preparation Method	5503PR

* for this test only

Sample Number	0719-16-1	Received	07/19/2016
Lab Sample ID	16244597	Matrix	Air
Initial Sample Size	437 L	Units of Result	ug/m3
Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.092	< 0.092	07/19/2016
Aroclor-1221	0.092	< 0.092	07/19/2016
Aroclor-1232	0.092	< 0.092	07/19/2016
Aroclor-1242	0.092	< 0.092	07/19/2016
Aroclor-1248	0.092	< 0.092	07/19/2016
Aroclor-1254	0.092	< 0.092	07/19/2016
Aroclor-1260	0.092	< 0.092	07/19/2016
PCBs, Total	0.092	<0.092	07/19/2016
<i>Comments: 15-200 EAST</i>			

Sample Number	0719-16-2	Received	07/19/2016
Lab Sample ID	16244598	Matrix	Air
Initial Sample Size	390.6 L	Units of Result	ug/m3
Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.10	< 0.10	07/19/2016
Aroclor-1221	0.10	< 0.10	07/19/2016
Aroclor-1232	0.10	< 0.10	07/19/2016
Aroclor-1242	0.10	< 0.10	07/19/2016
Aroclor-1248	0.10	< 0.10	07/19/2016
Aroclor-1254	0.10	< 0.10	07/19/2016
Aroclor-1260	0.10	< 0.10	07/19/2016
PCBs, Total	0.10	<0.1	07/19/2016
<i>Comments: 15-200 WEST</i>			

ANALYSIS REPORT

Polychlorinated Biphenyls in Air



Sample Number	0719-16-4	Received	07/19/2016
Lab Sample ID	16244599	Matrix	Air
Initial Sample Size	354.4 L	Units of Result	ug/m3

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.11	< 0.11	07/19/2016
Aroclor-1221	0.11	< 0.11	07/19/2016
Aroclor-1232	0.11	< 0.11	07/19/2016
Aroclor-1242	0.11	< 0.11	07/19/2016
Aroclor-1248	0.11	< 0.11	07/19/2016
Aroclor-1254	0.11	0.43	07/19/2016
Aroclor-1260	0.11	< 0.11	07/19/2016
PCBs, Total	0.11	0.43	07/19/2016

Comments: 15-100 WEST



Quality Control Results

Project Number:	2012-494	SDG Number:	1614806
		Project Manager:	Doug Lansing
QC Batch(es):	Q448	Analysis Method:	5503
QC Batch Method:	5503PR	Analysis Description:	Polychlorinated Biphenyls in Air
Preparation Date:	07/19/2016		
Blank: BLK-1614806			

Analyte	Blank Result	Units	DF	RL	Control Limit	Qualifiers
Aroclor-1016	ND	ug/m3	1	0.040	0.04	
Aroclor-1221	ND	ug/m3	1	0.040	0.04	
Aroclor-1232	ND	ug/m3	1	0.040	0.04	
Aroclor-1242	ND	ug/m3	1	0.040	0.04	
Aroclor-1248	ND	ug/m3	1	0.040	0.04	
Aroclor-1254	ND	ug/m3	1	0.040	0.04	
Aroclor-1260	ND	ug/m3	1	0.040	0.04	
PCBs, Total	ND	ug/m3	1	0.040	0.04	
<i>Surrogates:</i>				% Rec		
Tetrachloro-m-xylene			1	104	40-140	
Decachlorobiphenyl			1	108	40-140	

Lab Control Sample: LCS-1254-1614806

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	% Rec Limits	Qualifiers
Aroclor-1254	196	ug/m3	1	200	98	40-140	
<i>Surrogates:</i>							
Tetrachloro-m-xylene			1		107	40-140	
Decachlorobiphenyl			1		108	40-140	

Lab Control Sample: LCS-1016+1260-1614806

Lab Control Sample Duplicate: LCS Dup-1016+1260

	Blank Spike			Spike					
Analyte	Result	Units	DF	Conc.	% Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	206	ug/m3	1	200	103	40-140			
	200			200	100	40-140	3	50	
Aroclor-1260	186	ug/m3	1	200	93	40-140			
	190			200	95	40-140	2	50	
Surrogates:									
Tetrachloro-m-xylene			1		101	40-140			
					98	40-140			
Decachlorobiphenyl			1		100	40-140			
					101	40-140			



Surrogate Recovery Summary Report

Client <u>Rainier Commons</u>			SDG Number	<u>1614806</u>
Project <u>2012-494</u>				
Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
0719-16-1	16244597	Decachlorobiphenyl	104%	40-140
0719-16-1	16244597	Tetrachloro-m-xylene	94%	40-140
0719-16-2	16244598	Decachlorobiphenyl	106%	40-140
0719-16-2	16244598	Tetrachloro-m-xylene	99%	40-140
0719-16-4	16244599	Decachlorobiphenyl	101%	40-140
0719-16-4	16244599	Tetrachloro-m-xylene	86%	40-140
BLK-1614806	BLK-1614806	Decachlorobiphenyl	108%	40-140
BLK-1614806	BLK-1614806	Tetrachloro-m-xylene	104%	40-140
LCS Dup-1016+1260	LCS Dup-1016+1260	Decachlorobiphenyl	101%	40-140
LCS Dup-1016+1260	LCS Dup-1016+1260	Tetrachloro-m-xylene	98%	40-140
LCS-1016+1260-1614806	LCS-1016+1260-1614806	Decachlorobiphenyl	100%	40-140
LCS-1016+1260-1614806	LCS-1016+1260-1614806	Tetrachloro-m-xylene	101%	40-140
LCS-1254-1614806	LCS-1254-1614806	Decachlorobiphenyl	108%	40-140
LCS-1254-1614806	LCS-1254-1614806	Tetrachloro-m-xylene	107%	40-140

* Recovery outside limits

INITIAL AND CONTINUING CALIBRATION VERIFICATIONSDG No: **1614806**Contract: **N/A**Determination: **5503 PCB Aroclors <Air>**

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R000441	CCV1-1016-1260	PCB_2016-1-10	07/19/2016	Aroclor-1016	0.1	0.107	ug/mL	107	80-120
		PCB_2016-1-10	07/19/2016	Aroclor-1260	0.1	0.103	ug/mL	103	80-120
	CCV1-1254	PCB_2016-1-11	07/19/2016	Aroclor-1254	0.1	0.104	ug/mL	104	80-120
	ICV 1016-1254-1260	PCB_2016-1-15	07/19/2016	Aroclor-1016	0.1	0.089	ug/mL	89	85-115
		PCB_2016-1-15	07/19/2016	Aroclor-1254	0.1	0.092	ug/mL	92	85-115
		PCB_2016-1-15	07/19/2016	Aroclor-1260	0.1	0.085	ug/mL	85	85-115
	CCV2 -1016-1260	PCB_2016-1-10	07/19/2016	Aroclor-1016	0.1	0.103	ug/mL	103	80-120
		PCB_2016-1-10	07/19/2016	Aroclor-1260	0.1	0.095	ug/mL	95	80-120
	CCV2-1254	PCB_2016-1-11	07/19/2016	Aroclor-1254	0.1	0.102	ug/mL	102	80-120

% Rec = Percent recovery

* = Percent recovery not within control limits

NVL Laboratories, Inc.

4708 Aurora Ave N, Seattle, WA 98103

Tel: 206.547.0100 Emerg. Cell: 206.914.4646

Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY
SAMPLE LOG****1614806**Client Rainier Commons, LLCStreet 918 S. Horton Street, Suite 101
Seattle, WA 98134

NVL Batch Number _____

Client Job Number 2012-494Total Samples 3Turn Around Time ASAP

<input type="checkbox"/> 1-Hr	<input type="checkbox"/> 8-Hrs	<input type="checkbox"/> 2 Days	<input type="checkbox"/> 5 Days
<input type="checkbox"/> 2-Hrs	<input type="checkbox"/> 12-Hrs	<input type="checkbox"/> 3 Days	<input type="checkbox"/> 6-10 Days
<input type="checkbox"/> 4-Hrs	<input checked="" type="checkbox"/> 24-Hrs	<input type="checkbox"/> 4 Days	

Project Manager Mr. Doug LansingProject Location 3100 Airport Way S. Seattle, WA 98134

Please call for TAT less than 24 Hrs

Email address lansinghomes@aol.com

Phone: (206) 447-0263

Fax: (206) 447-0299

Cell (b) (6)

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input type="checkbox"/> Asbestos Bulk	<input type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
<input checked="" type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input checked="" type="checkbox"/> Other (Specify) <u>PLB-AIR</u>		<input type="checkbox"/> Zinc (Zn)
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		<u>0719-16-1</u>	<u>15-200 EAST</u>	
2		<u>-2</u>	<u>15-200 WEST</u>	
3		<u>-4</u>	<u>15-200 WEST</u>	
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>D. LANSING</u>	<u>[Signature]</u>	<u>RAINIER</u>	<u>7-19-16</u>	<u>1455</u>
Relinquished by	<u>DAVE LEONARD</u>	<u>[Signature]</u>	<u>NVL</u>	<u>7-19-16</u>	<u>1500</u>
Received by	<u>[Signature]</u>	<u>[Signature]</u>	<u>NVL</u>	<u>7-19-16</u>	<u>1500</u>
Analyzed by	<u>Shalvin Patel</u>	<u>[Signature]</u>	<u>NVL</u>	<u>7-19-16</u>	<u>1700</u>
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

1614806

Rainier Commons Exterior Paint Removal Project


Air Sample Data Sheet

(Note Date, Report # and Page # on each sheet)

Date 07-19-16 Daily Report #: _____

Sample ID	0719-16-1
Contaminant	PCB
Sample Location Description	Loc 1
Sample Inside/Outside?	I
Start Flow Rate	1.0
End Flow Rate	1.0
Start Time	5:52 Am
End Time	13.09
Total Time	
Total Volume	
Notes -Including adjacent activities	

SAMPLER


Signature

7-19-16
Date

1614806

Rainier Commons Exterior Paint Removal Project

Air Sample Data Sheet

(Note Date, Report # and Page # on each sheet)

Date 07-19-16

Daily Report #: _____

Sample ID	0719-16-2
Contaminant	PCB
Sample Location Description	Loc 2
Sample Inside/Outside?	I
Start Flow Rate	1.0
End Flow Rate	0.80
Start Time	5:55
End Time	13:09
Total Time	
Total Volume	
Notes Including adjacent activities	

SAMPLER

Signature



Date

7-19-16

1614806

Rainier Commons Exterior Paint Removal Project

Air Sample Data Sheet

(Note Date, Report # and Page # on each sheet)

Date 07-19-16

Daily Report #: _____

Sample ID	0719-16-4
Contaminant	PCB
Sample Location Description	Loc. #4
Sample Inside/Outside?	I
Start Flow Rate	1.0
End Flow Rate	0.75
Start Time	06:19 AM
End Time	13:04
Total Time	
Total Volume	
Notes -Including adjacent activities	

SAMPLERSignature Date 7-19-16

RCLLC 0009328